Claims

[1]	An end seal having:
	a front defining an outward direction,
	a leading edge defining a downward direction, and
	a trailing edge opposite the leading edge,
	the end seal comprising a first lip, a second lip, and a third lip, each lip elongated
	and extending toward the leading edge and toward the trailing edge,
	each lip having a portion having a radius of curvature about a respective center;
	the second lip disposed between the first lip and the third lip;
	the center of radius of curvature of the second lip offset from the center of radius
	of curvature of the first lip; and
	the center of radius of curvature of the second lip offset from the center of radius
	of curvature of the third lip.
[2]	The end seal of claim 1 wherein the center of radius of curvature of the first lip is
	coaxial with the center of radius of curvature of the third lip.
[3]	The end seal of claim 1 wherein the first and third lips join toward the trailing
	edge.
[4]	The end seal of claim 1 wherein the end seal comprises PTFE.
[5]	The end seal of claim 1 further comprising a first spring means urging the end
	seal outwards.
[6]	The end seal of claim 5 further comprising a second spring means urging the end
	seal outwards.
[7]	An end seal having:
	a top defining an outward direction,
	a leading edge defining a downward direction, and
	a trailing edge opposite the leading edge,
	the end seal comprising a first lip, a second lip, and a third lip, each lip elongated
	and extending toward the leading edge and toward the trailing edge,
	the second lip disposed between the first lip and the third lip;
	wherein the first and third lips join toward the trailing edge.
[8]	The end seal of claim 7 wherein each lip has a portion having a radius of
	curvature about a respective center;
	the center of radius of curvature of the second lip is offset from the center of
	radius of curvature of the first lip; and
	the center of radius of curvature of the second lip is offset from the center of
	radius of curvature of the third lip.
[9]	The end seal of claim 7 wherein each lip has a portion having a radius of
	curvature about a respective center; and
	wherein the center of radius of curvature of the first lip is coaxial with the center
	of radius of curvature of the third lip.

[10]	The end seal of claim 7 wherein the end seal comprises PTFE.
[11]	The end seal of claim 7 further comprising a first spring means urging the end seal outwards.
[12]	The end seal of claim 11 further comprising a second spring means urging the end seal outwards.
[13]	An end seal for sealing each end of a cavity consisting of a leading edge and a metering surface for application of a liquid having:
	a front defining an outward direction toward the application surface;
	a leading edge defining the area of first contact with the application surface; and
	a trailing edge opposite the leading edge;
	the end seal comprising a lip that approximately conforms to the application surface;
	a spring supporting the end seal between the leading edge and the trailing edge
	from under the end seal toward the application surface.
[14]	The end seal of claim 13 wherein the end seal spring support point is a pivot.
[15]	The end seal of claim 13 wherein the end seal has a spring support under the
	trailing edge of the end seal.
[16]	The end seal of claim 14 wherein the end seal has a spring support under the
	trailing edge of the end seal.
[17]	An end seal for sealing each end of a cavity consisting of a leading edge and a metering surface for application of a liquid having:
	a front defining an outward direction toward the application surface;
	a leading edge defining the area of first contact with the application surface; and
	a trailing edge opposite the leading edge;
	the end seal comprising two lips that approximately conforms to the application
	surface elongated and extending towards the leading edge and toward the trailing edge;
	the two lips joining toward the trailing edge; and
	wherein a spring supports the end seal between the leading edge and the trailing
	edge from under the end seal toward the application surface.
[18]	The end seal of claim 17 wherein the end seal spring support is a pivot.
[19]	The end seal of claim 17 wherein the end seal has a spring support under the
	trailing edge of the end seal.
[20]	The end seal of claim 18 wherein the end seal has a spring support under the
	trailing edge of the end seal.
[21]	An end seal for sealing each end of a cavity consisting of a leading edge and a metering surface for application of a liquid having:
	a front defining an outward direction toward the application surface;
	a leading edge defining the area of first contact with the application surface;
	a trailing edge opposite the leading edge;
	the end seal composing a lip that approximately conforms to the application
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surface;

[22]

a support mounting location beyond the leading edge; and

a thin cross-section between the mounting location and the leading edge creating

a flex point permitting deformation along the seal lips.

An end seal for sealing each end of a cavity consisting of a leading edge and a metering surface for application of a liquid, the end seal comprising:

a front defining an outward direction toward the application surface;

a leading edge defining the area of first contact with the application surface;

a trailing edge opposite the leading edge;

the end seal composing two lips that approximately conform to the application surface and extending toward the leading edge and toward the trailing edge and joining toward the trailing edge;

a support mounting location beyond the leading edge; and

a thin cross-section between the mounting location and the leading edge creating a flex point permitting deformation along the seal lips.

[23] An end seal for sealing each end of a cavity consisting of a leading edge and a metering surface for application of a liquid, the end seal comprising:

a front defining an outward direction toward the application surface;

a leading edge defining the area of first contact with the application surface;

a trailing edge opposite the leading edge;

the end seal composing a first lip, a second lip, and a third lip, each lip elongated and extending toward the leading edge and toward the trailing edge and approximate conformity to the application surface;

the first and third lip join toward the trailing edge;

the second lip disposed between the first lip and the third lip;

the center of radius of curvature of the second lip is offset from the center of curvature of the first lip;

a support mounting location beyond the leading edge;

a thin cross-section between the mounting location and the leading edge creating

a flex point permitting deformation along the seal lips.